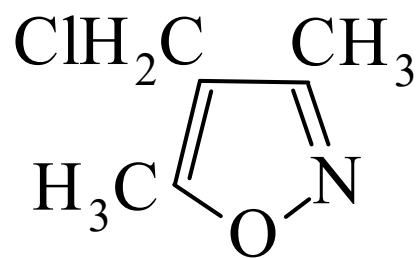




>>Entry Name: 4-(Chloromethyl)-3,5-dimethylisoxazole, 9CI

Synonym(s): 3,5-Dimethyl-4-chloromethylisoxazole



CAS Registry Number: 19788-37-5

Molecular Formula: C₆H₈ClNO

Molecular Weight: 145.588

Accurate Mass: 145.029441

Percentage Composition: C 49.50%; H 5.54%; Cl 24.35%; N 9.62%; O 10.99%

Use/Importance: Annelating reagent used in synth. of, *inter alia*, pyridines and steroids

Boiling Point: Bp₇ 88-90°. Bp₁ 67.5°

Aldrich: 24731-6

Sigma: C1400

References:

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Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1489A, (*ir*)

Khomutova, E.D. *et al.*, *Zh. Obshch. Khim.*, 1958, **28**, 2736; *CA*, **53**, 9187, (*synth*)

Stork, G. *et al.*, *J.O.C.*, 1971, **36**, 2784, (*use*)

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U.S. Pat., 1977, 4 044 004; *CA*, **88**, 23265, (*use*)

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